

Unit: 5.4 Databases

Key Learning

- To learn how to search for information in a database.
- To contribute to a class database.
- To create a database around a chosen topic.

Key Resources

**purple
mash**



2Investigate



Avatar builder

Key Questions

What is a database?

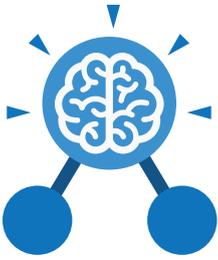
A collection of data organised in such a way that it can be searched, and information found easily. Database usually refers to data stored on computers.

Why is the collaborative feature important?

Making a database collaborative allows lots of people to enter information into the database at the same time. This is a lot quicker than one person entering the data by themselves.

In what ways can I sort information in a database?

A database can hold lots of information so it is essential that information can be effectively investigated. In 2Investigate, data can be searched and sorted in a variety of ways. It can also be presented pictorially.



Unit: 5.4 Databases

Key Vocabulary

Avatar

An icon or figure representing a person in a video game, Internet forum, etc.

Collaborative

Produced by, or involving, two or more parties working together.

Record

A collection of data about one item entered into a database.

Binary tree (branching database)

A way to sort information by dividing the information into groups based upon questions with yes or no answers.

Data

Facts and statistics collected together for information.

Sort, Group and Arrange

Different ways to sort information in a database to it is easy to read, understand and interpret.

Charts

Representing information in a pictorial form.

Database

A set of data that can be held in a computer in a format that can be searched and sorted for information.

Statistics and reports

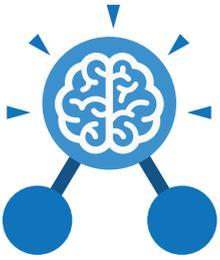
To produce information about data in a database.

Find

Search for information in a database.

Table

Sorting information into rows and columns.



Unit: 5.4 Databases

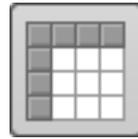
Key Images



Open, close or share
a file



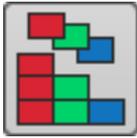
Design a new
database



Add a record to the
database



Find information in
the database



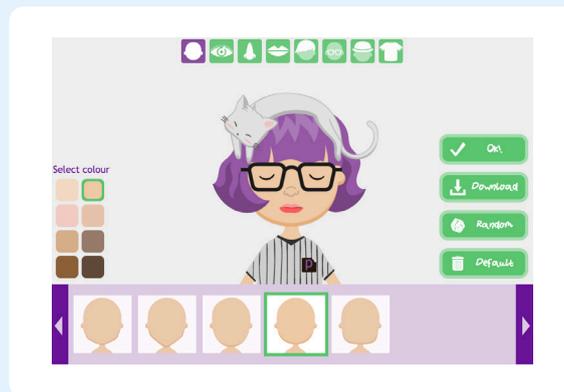
Sort, group and
arrange information



Statistics and reports



Represent the
information as a
chart



Avatar creator